

Thank you for purchasing our product.  
Please read this User's Manual before  
using the product. Change without Notice

16 Channel Digital Video Recorder

## **Client Viewer Manual**

## 5. NETWORK SETUP

### ADVANCED SETUP PAGE

1. ALARM SETUP
2. MOTION SETUP
3. RECORD SETUP
4. PASSWORD SETUP
- 5. NETWORK SETUP**
6. HDD FORMAT
7. FACTORY DEFAULT
8. SOFTWARE UPDATE

### TCP-IP SETUP PAGE

1. SPEED:>512K
  2. DVR NAME:[dvr16]
  3. NET TYPE: OFF
  4. STATIC IP SETUP
  5. PPPOE ID SETUP
  6. DNS/DDNS SETUP
  7. SERVER PORT SETUP
- MAC ADDR: xx.xx.xx.xx.xx.xx

1. SPEED : >512K / 512K / 256K / 128K / 64K

> Upload speed. Choose the close speed by applied.

2. DVR NAME: [ x 15 space ]

3. NET TYPE: STATIC / DHCP / PPPOE / OFF

4. STATIC IP SETUP

5. PPPOE ID SETUP

6. DNS/DDNS SETUP

7. SERVER PORT SETUP



Press direction buttons up/down/left/right to TCP-IP items position.



Press values change button to change values.

-MAC ADDR

XX.XX.XX. Machine number, user cannot change.

2. DVR NAME: see DDNS apply.

3. NET TYPE:

> choose network connecting type as user.

4. STATIC IP SETUP:

> Depends on LAN or WAN. Input value witch get from network technician or ISP company.

> Advice user apply network speed Upload 512K / Download 512K, to avoid image data too big influence the remote quality. The network traffic jam always make data transfer slow, it is normal.

### STATIC IP SETUP

1. IP ADDR: 192.168.192.250
2. GATEWAY: 192.168.192.254
3. NETMASK: 255.255.255.000
4. INTERNAL MAPPING: OFF

Internal Mapping:  
LAN IP corresponding

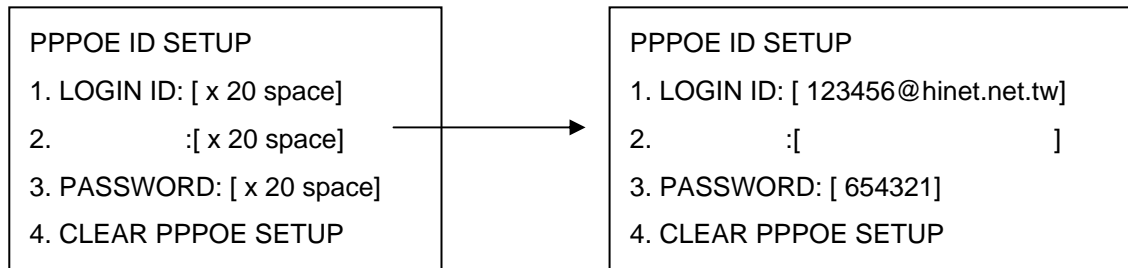
## 5. PPPOE ID SETUP

If users apply the dynamic IP from ISP, then should input ID and password that from ISP information list. And then go to set DNS/DDNS SETUP

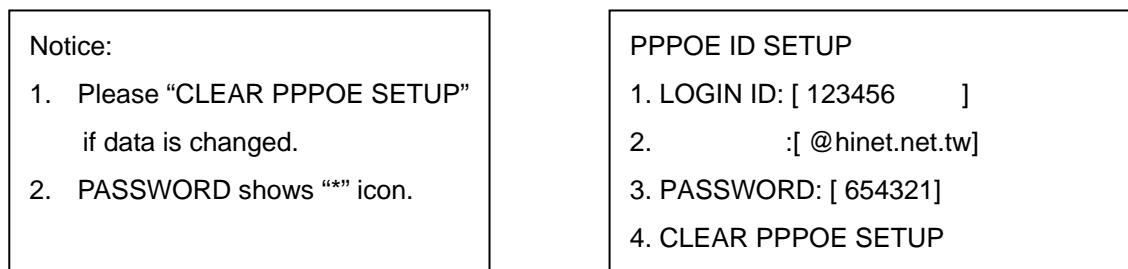
For example:

Address name is [123456@hinet.net.tw](mailto:123456@hinet.net.tw)

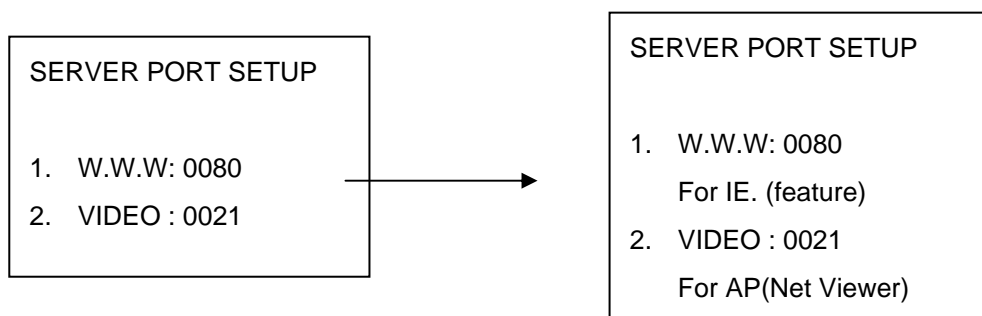
Password is 654321



Or



## 7. SERVER PORT SETUP



## 6. DNS/DDNS SETUP

Whatever user apply a free or pay DDNS, user needs to input every thing below.

DDNS apply: User can get a free hostname or pay from website below.

1. <http://www.3322.net/> (China)
2. <http://www.changeip.org/>
3. <http://www.dyndns.com/>
4. <http://www.no-ip.com/>
5. <http://www.dhs.org/>
6. <http://www.dtdns.com/index.cfm?fuseaction=info.hosts>

For example:

Go to: <http://www.dtdns.com/index.cfm?fuseaction=info.hosts>

The screenshot shows the DtdNS website with the following content:

- Header:** DtdNS Your Complete DNS Solution. Navigation links: LOG IN, CREATE ACCOUNT, Home, About Us, Pricing, Update Clients, FAQ, System News, WHOIS, Support.
- Dynamic Hostname Services:** Using DtdNS, you can get a hostname (ex: you.ourdomain.com) on one of our domains that will "follow" your Internet connection, even on a dynamic IP address. This means that you can now make a name for yourself on the Internet, without the usual high costs of a static IP address or full domain name. You are now able to operate your web, ftp, telnet, or other Internet server on your dialup, cable or DSL connection.
- Guaranteed Customer Satisfaction:** A yellow seal with the text "GUARANTEED 100% Customer Satisfaction GUARANTEED".
- Pricing:** Up to five hostnames FREE, unlimited hostnames for a one-time \$5.00 fee. [Sign up now...](#)
- Key Features:**
  - **Speed** - IP address changes are generally out on the Internet within a few minutes of the change request on our server. You can use an automated update client to get IP address changes to our system within a few seconds after your IP address changes.
- MX records:** MX records for your hostname. Define up to 4 MX records for your hostname and point them any server you would prefer your e-mail to be delivered to. This feature is fully compatible with web-based e-mail service from providers like Everyone.net.
- Heartbeat Monitor:** If you have an unreliable Internet connection, DtdNS can automatically set your hostname as being "offline" if an IP update is not sent to our server within a specified time limit. This will cause your web visitors to see your offline notice instead of not being able to connect at all.
- Cloaked URL Redirection:** Hostnames also have the ability to cloak the offline URL redirection using a frameset. You can also define the title and meta tags for the main frame.
- Don't want a hostname?** DtdNS also offers DNS service for [full domain names](#).
- Sign up now...** A red arrow points to this link.
- Footer:** Please read our [Privacy Statement](#) and [Terms of Service](#). Copyright © 1999-2005 by [Sceiron Interactive, Inc.](#) Powered by [Sceiron - Sarasota Web Design](#).

Click sign up to create an account.

Fill your information to sign up paper.

**Please enter your information:**

Desired Username:	<input type="text" value="Max"/>
Desired Password:	<input type="password" value="••••••"/>
Your Full Name:	<input type="text" value="Max Chen"/>
Company:	<input type="text" value="DVR"/>
E-mail Address:	<input type="text" value="maxchen@hxxxx.com.tw"/>
Address:	<input type="text"/>
City:	<input type="text" value="Taiwan"/>
State or Province:	<input type="text" value="Foreign"/>
Zip/Postal Code:	<input type="text" value="03"/>
Country:	<input type="text" value="Taiwan (China Rep of)"/>
Phone Number:	<input type="text" value="0921xxxxxx"/>
Confirm Password:	<input type="password" value="••••••"/>
Confirm E-mail:	<input type="text" value="maxchen@hxxxx.com.tw"/>

☒ I am at least 13 years old at this time.  
☒ I have read and agree to be bound by the [Terms of Service](#).  
☒ I would like to be informed of DtDNS news and updates.

After, go to email account to get activate ID and code.

Hello Max Chen,

DtDNS has received a request to create a new account, and this e-mail address was entered with it. We apologize if now. Otherwise, welcome to DtDNS! If you have a question, comment, problem or suggestion, please feel free to

When you signed up for our service, you entered the following information:

---  
Username : M[ ]id  
E-mail address : maxchen@h[ ]om.tw  
Activation Code : dx[ ] 4  
---

The above code was assigned to your account when you created it.  
To activate your account, you must visit the url below within 48 hours.  
Accounts not activated within 48 hours are removed.

<https://www.dtdns.com/index.cfm?fuseaction=account.activate> ← Click here to active

Enter your username and activation code on that page. Further instructions will be indicated there.

Fill ID and code.

## Step 2 - Activate Account

Now that you have signed up with DtDNS and we have sent you a verification message via e-mail, you must activate your account. The message we sent you contained an activation code, which you will need to enter below.

If it has been more than 48 hours since you signed up, you will need to [sign up](#) again and get a new activation code.

Please enter your activation information:

Username:


Activation Code:

[Lose or forget your code?](#)

Activate Account >>

Please read our [Privacy Statement](#) and [Terms of Service](#).

Click hostnames

 Your Complete DNS Solution

HomeAbout UsPricingUpdate ClientsFAQSystem NewsWHOISSupport

**Member Home**  
  
Domains  
Hostnames  
Update Groups  
  
Account Settings  
Service Credits  
Log Out  
  
Sales/Support:  
1-877-760-6337

## My Services

<a href="#">Domains</a>	Use this service to have DtDNS host DNS for your full domains. All DNS hosting for full domains includes dynamic update capability.
<a href="#">Hostnames</a>	Get a subdomain on one of our own domain names. Great for online gaming, telnet BBSes, or connecting to your home computer while you're away.
<a href="#">Update Groups</a>	Group your hostnames and/or domains for easier updates with automated <a href="#">IP Update Clients</a> .

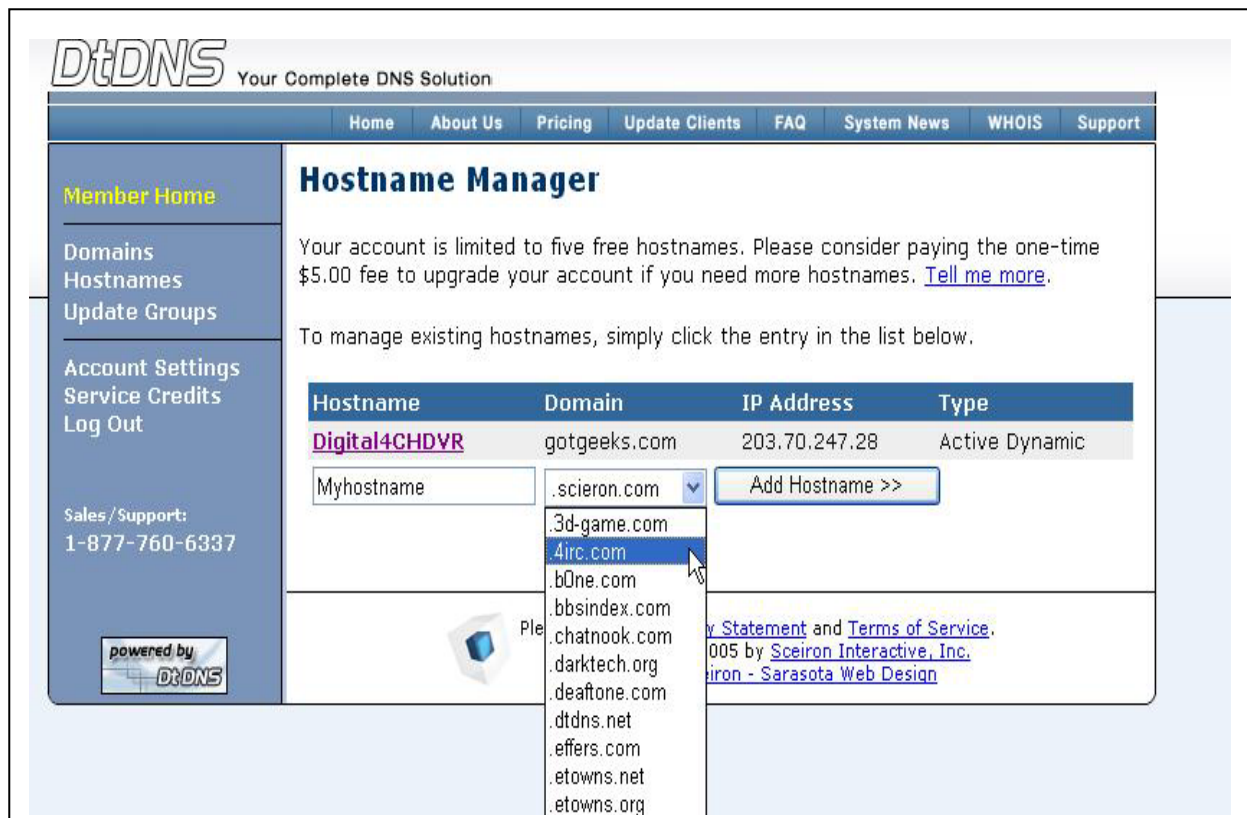
## My Account

<a href="#">Account Settings</a>	Be sure to keep your personal account information up-to-date.
<a href="#">Service Credits</a>	Purchase service credits in bulk to get discount pricing on services.
<a href="#">Log Out</a>	Exit the DtDNS management area and end this session.



Type Hostname and choose a domain name, and then click Add Hostname.

EX: Hostname = Myhostname, Domain = 4irc.com

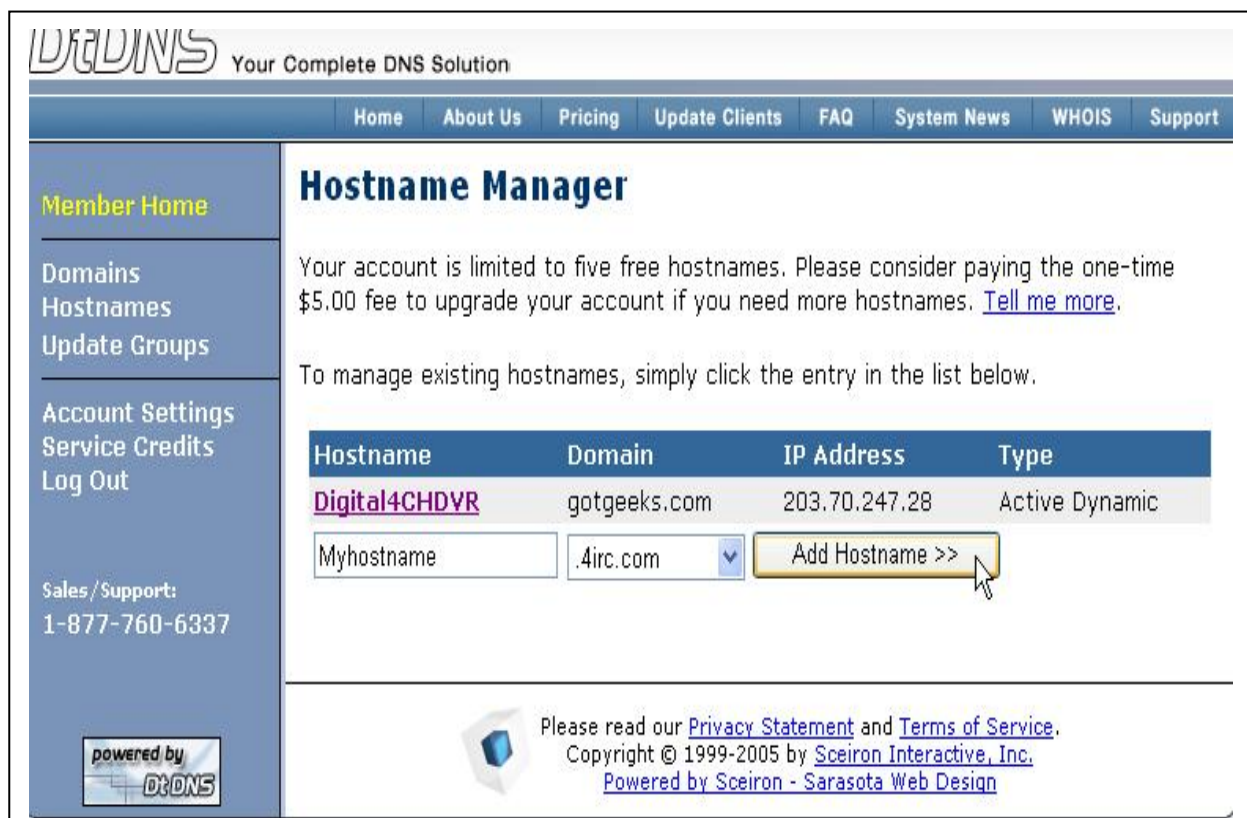


The screenshot shows the DtdNS website's Hostname Manager. On the left is a sidebar with links: Member Home, Domains, Hostnames, Update Groups, Account Settings, Service Credits, Log Out, and contact information (Sales/Support: 1-877-760-6337). The main content area is titled "Hostname Manager" and includes a notice about a five-free-hostnames limit and a \$5.00 upgrade fee. Below this is a table of existing hostnames. A form below the table allows adding a new hostname: "Myhostname" is entered in the "Hostname" field, and ".4irc.com" is selected in the "Domain" dropdown menu. An "Add Hostname >>" button is to the right. The table has columns: Hostname, Domain, IP Address, and Type. It lists "Digital4CHDVR" with domain "gotgeeks.com" and IP "203.70.247.28".

Hostname	Domain	IP Address	Type
Digital4CHDVR	gotgeeks.com	203.70.247.28	Active Dynamic

Myhostname .4irc.com Add Hostname >>

After click Add Hostname>>



This screenshot shows the same DtdNS Hostname Manager interface after the new hostname has been added. The "Add Hostname >>" button is now highlighted with a mouse cursor. The table now contains two entries: "Digital4CHDVR" and "Myhostname". The "Domain" dropdown menu still shows ".4irc.com".

Hostname	Domain	IP Address	Type
Digital4CHDVR	gotgeeks.com	203.70.247.28	Active Dynamic
Myhostname	.4irc.com		

Data confirm done, then you can go to DVR advanced setup→ Network setup now.

The screenshot shows the DtdNS website's 'Hostname Manager' page. The header includes the DtdNS logo and navigation links: Home, About Us, Pricing, Update Clients, FAQ, System News, WHOIS, and Support. A left sidebar contains links for Member Home, Domains, Hostnames, Update Groups, Account Settings, Service Credits, and Log Out, along with contact information: Sales/Support: 1-877-760-6337. The main content area is titled 'Hostname Manager' and contains a message about account limitations, instructions on how to manage hostnames, and a confirmation message: 'Your new hostname has been added to the system.' Below this is a table with columns: Hostname, Domain, IP Address, and Type. The table lists two hostnames: 'Digital4CHDVR' and 'Myhostname', both pointing to 'gotgeeks.com' and '4irc.com' respectively, with IP address '203.70.247.28' and type 'Active Dynamic'. At the bottom of the table is a form to add a new hostname, with a dropdown menu showing '.darktech.org' and a button 'Add Hostname >>'. A red box highlights the 'Myhostname' entry in the table, and an arrow points from this box to the 'DVR NAME' field in the 'TCP-IP SETUP PAGE' diagram below.

**DtdNS** Your Complete DNS Solution

Home About Us Pricing Update Clients FAQ System News WHOIS Support

**Member Home**

Domains  
Hostnames  
Update Groups

Account Settings  
Service Credits  
Log Out

Sales/Support:  
1-877-760-6337

**Hostname Manager**

Your account is limited to five free hostnames. Please consider paying the one-time \$5.00 fee to upgrade your account if you need more hostnames. [Tell me more.](#)

To manage existing hostnames, simply click the entry in the list below.

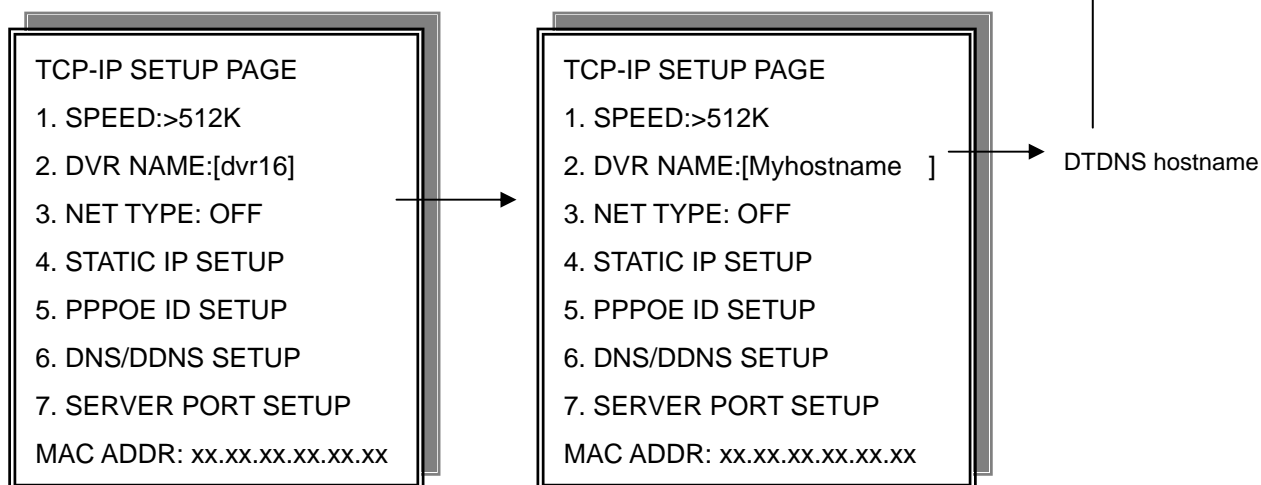
**Your new hostname has been added to the system.**

Hostname	Domain	IP Address	Type
<a href="#">Digital4CHDVR</a>	gotgeeks.com	203.70.247.28	Active Dynamic
<a href="#">Myhostname</a>	4irc.com	203.70.247.28	Active Dynamic

..... .darktech.org Add Hostname >>

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[Powered by Sceiron - Sarasota Web Design](#)

Advanced setup → TCP-IP SETUP





## 6. DNS/DDNS SETUP

DNS/DDNS SETUP	
1. D.N.S 1: 000.000.000.000	1. D.N.S 1: 000.000.000.000
2. D.N.S 2: 000.000.000.000	2. D.N.S 2: 000.000.000.000
3. SERVER : DHS	3. SERVER : DTDNS
4. DOMAIN: [ x 20 space]	4. DOMAIN: [ 4irc.com ]
5. LOGIN ID:[ x 20 space]	5. LOGIN ID:[ your DTNS long in name ]
6. :[ x 20 space]	6. :[ ]
7. PASSWORD: [ x 20 space]	7. PASSWORD: [your DTNS long in password ]
8. CLEAR DDNS SETUP	8. CLEAR DDNS SETUP

### Important:

**LOGIN ID: This is your DTDNS apply login user name! Not Hostname!**

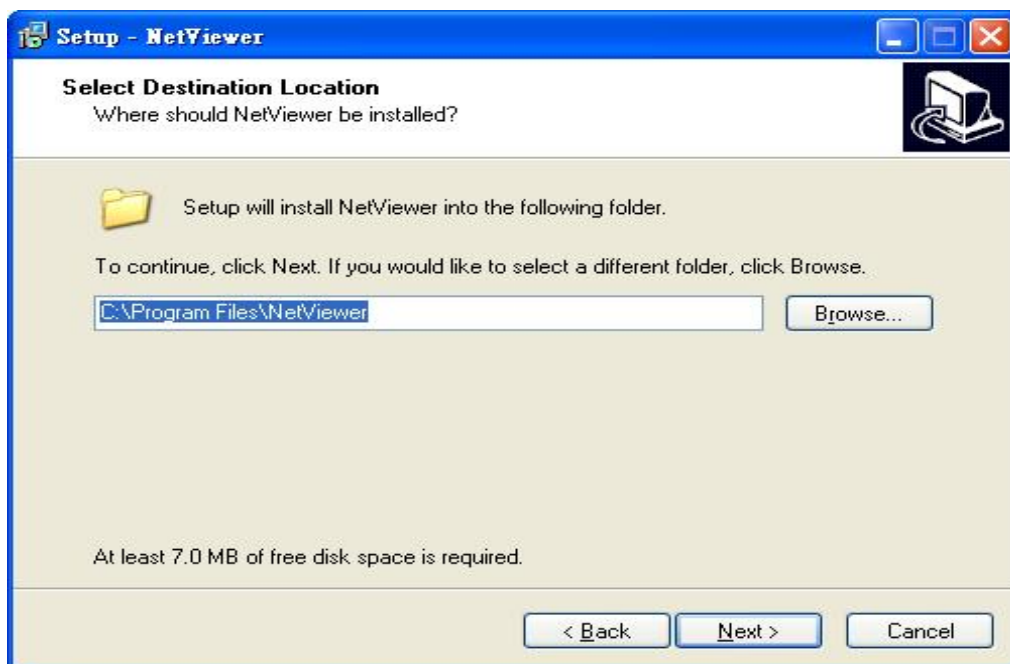
**PASSWORD: This is your DTDNS apply login password, not Activation Code!**

## USB Data Read and Networking

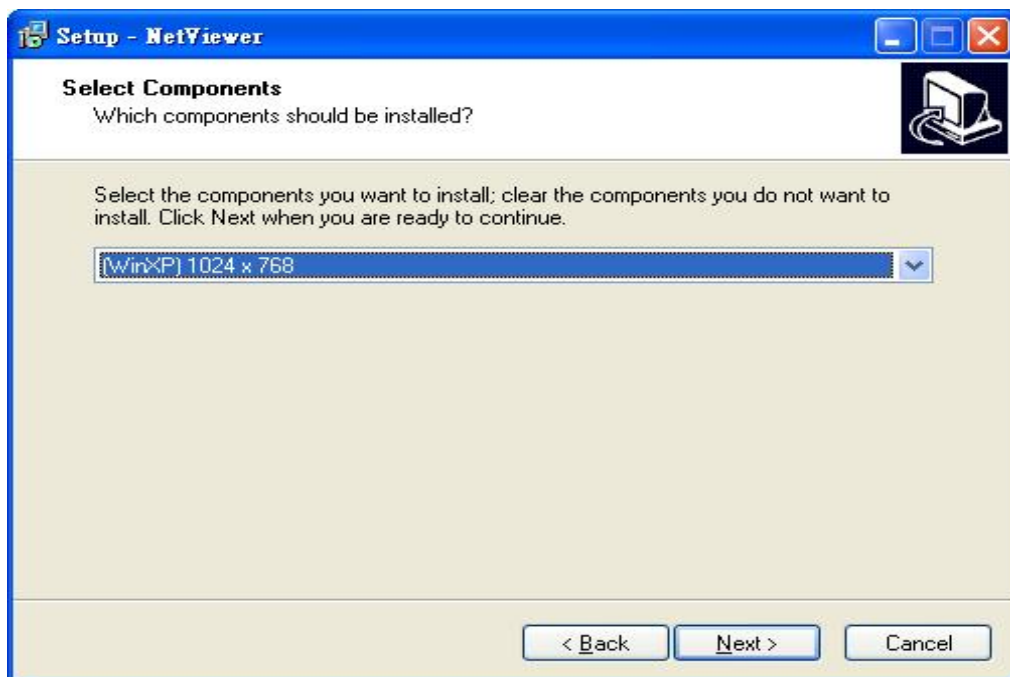
1. Windows 2000 / XP, select small character display.
2. Resolution 1024 x 768.
3. RAM up to 128 MB, system up to PIII-800.
4. Double click SETUP.EXE of CD, and then start to install.
5. User can go to company server to download AP software.



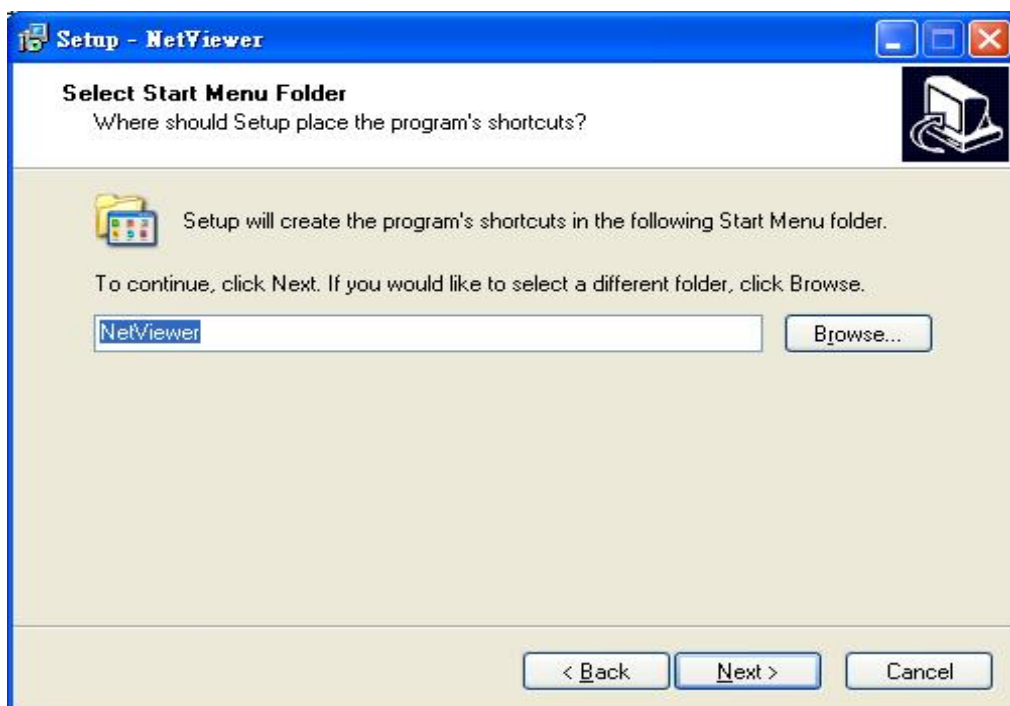
6. Browse install path and then click Next.



7. Advice resolution 1024 x 768. According computer equipment, please choose suitable resolution

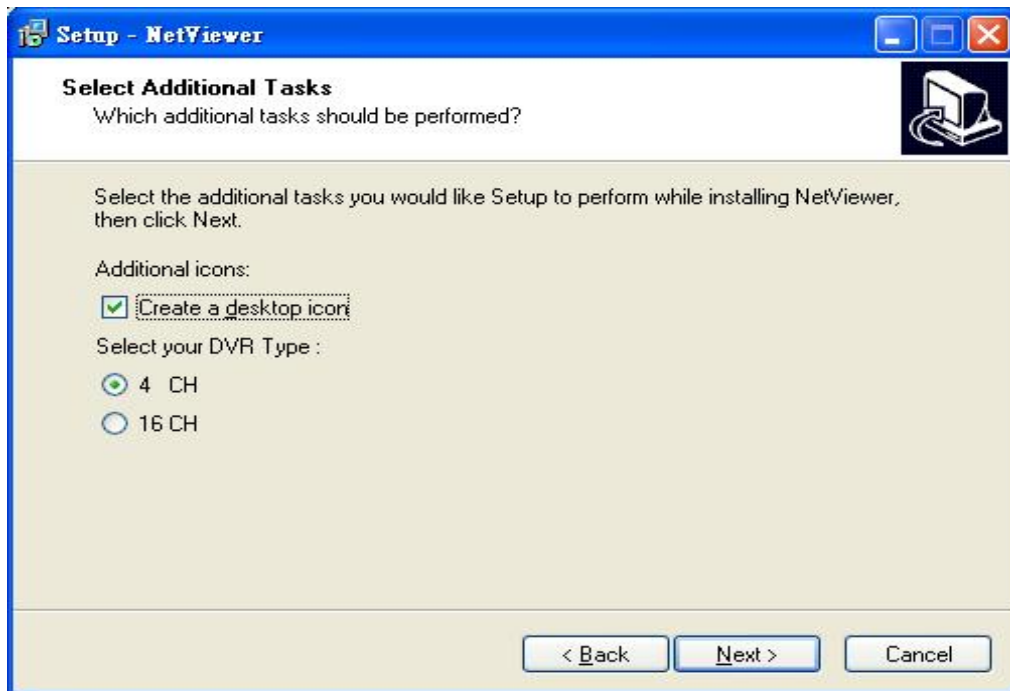


8. Select Start Menu Folder, and then click Next.

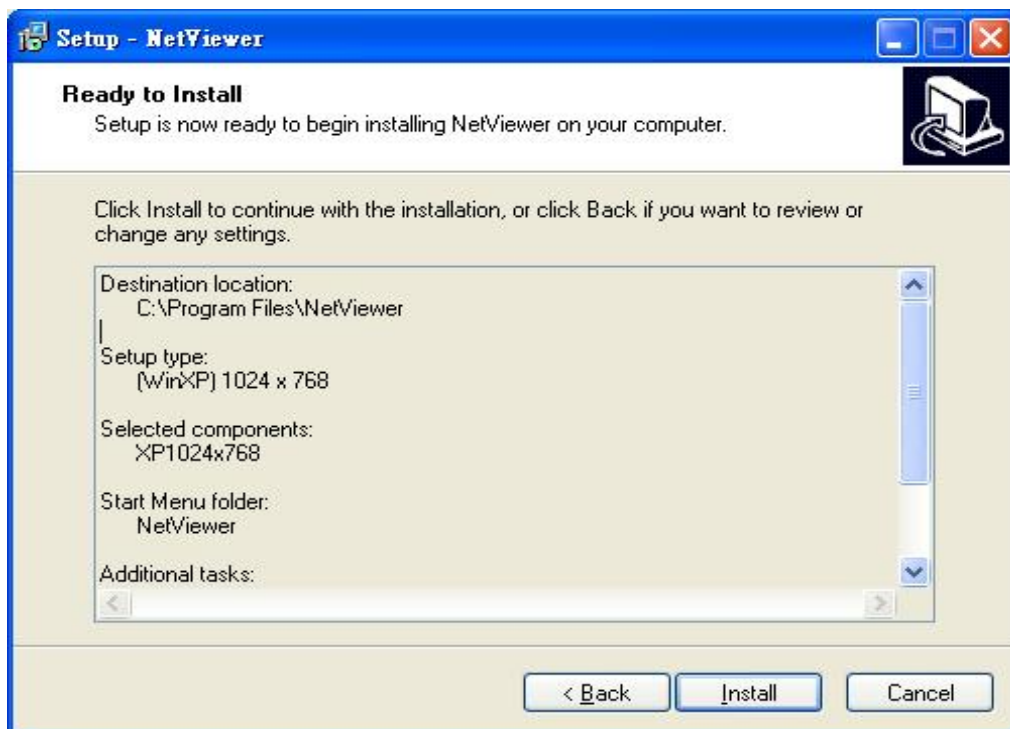


9. Click create a desktop icon or not, select DVR type, and then click Next.

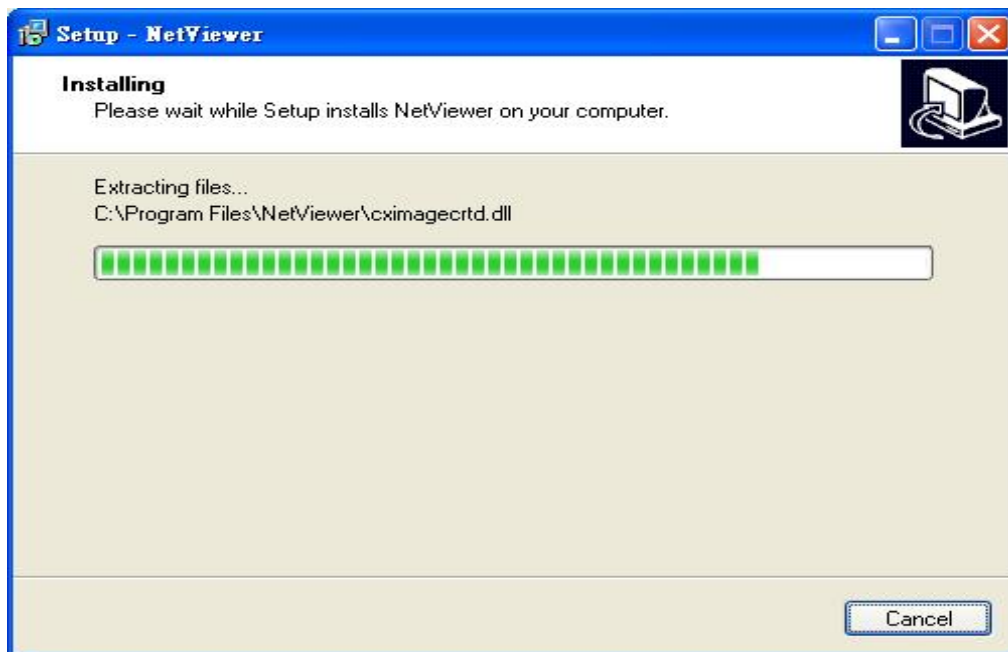
4 CH and 16 CH DVR Net viewer is suitable. Only some split screen can not display.



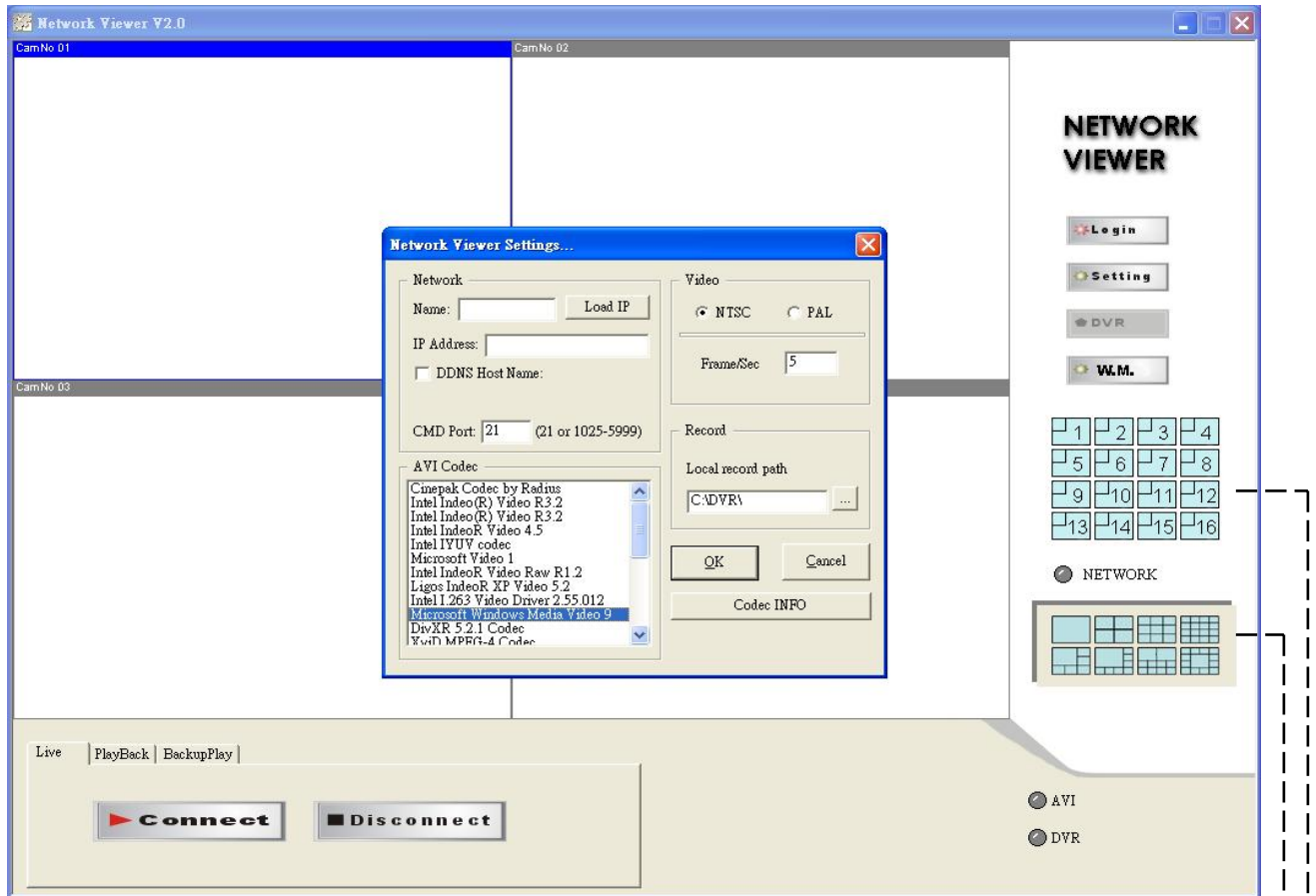
10. Click INSTALL to start install.



11. Click Launch NetViewer and click Finish to done.



## 12. Click Setting.



**Name:** Name the IP address position.(Each name and IP saves every different input)

**IP Addr:** Input DVR IP address.

**AVI codec:** Different computer equipment; different AVI format.

Microsoft Windows Media video 9 is better.

Or Cinepak Codec by Radius(Slow transmission, better quality) /

Microsoft Video 1(Fast transmission, bad quality).

**Video:** Fullsize, Halfsize: screen size choose.

**NTSC, PAL. Frame/Sec:** Video system choose. Record frame choose.

**Click OK to confirm.**

On Live / PlayBack , click DVR to save action pictures, \*.DVR file. It needs this software to play.

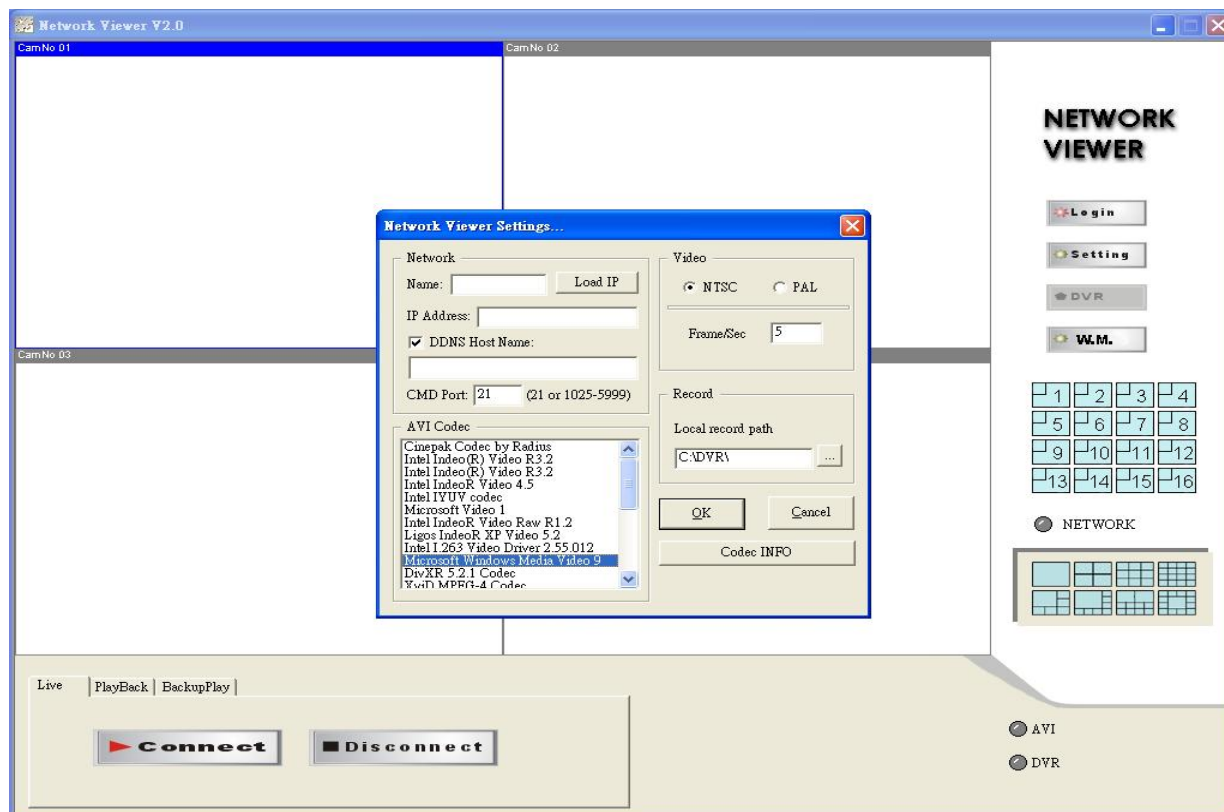
Browser, Local record path could change. The path user changes is for .DVR save, \*JPG file is always C:\DVR

**- Press DVR to start record .DVR file(DVR LED green on.), press again to stop.**

1 ~ 16 full screen select. ←  
Full / Quad / 9 split / 16 split ←  
6 split / 8 split / 10 split / 13 split



Click DDNS Host Name:

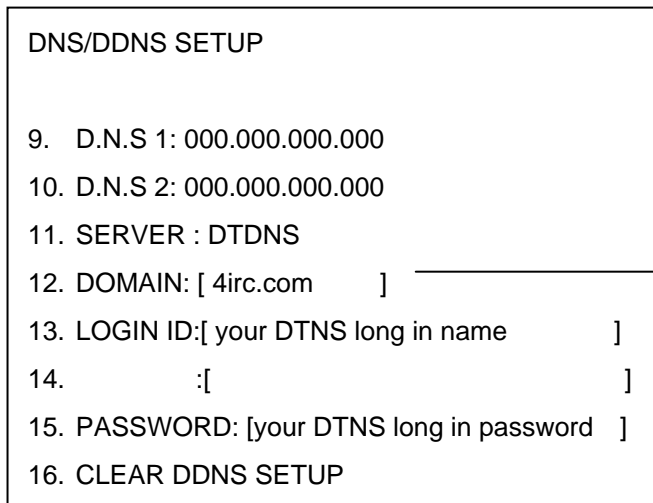
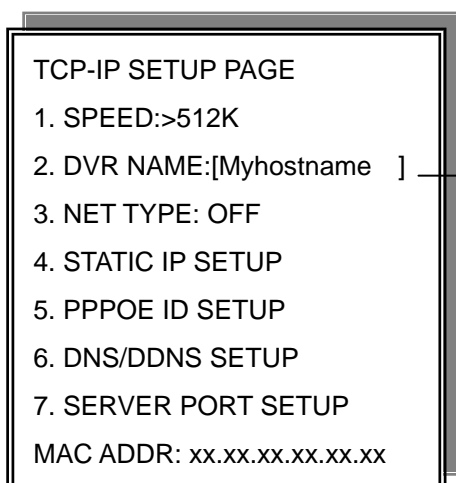


Type DVR DDNS host name: Myhostname.4irc.com

CMD Port: command port 21 or 1025 ~ 5999.

It is same as DVR network setup.

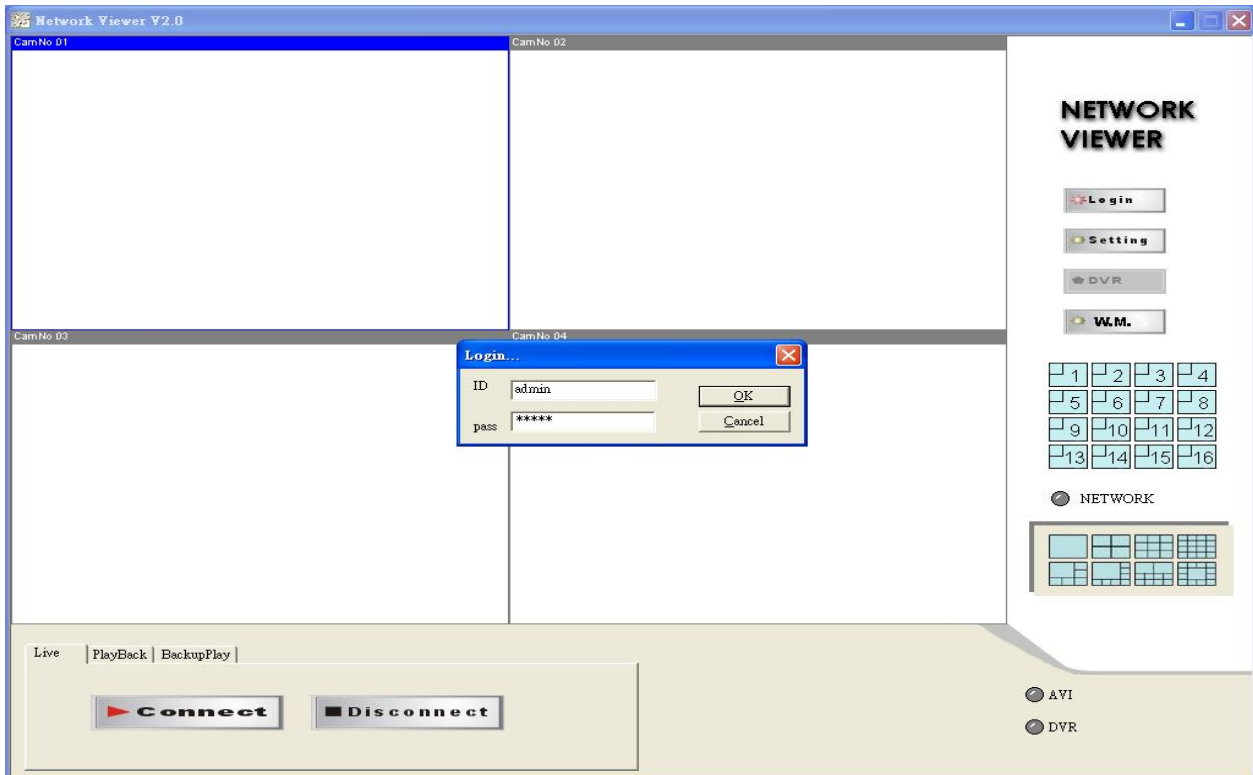
Which is same DVR MENU → ADVANCED SETUP → NETWORK SETUP → DVR NAME:



DDNS host name:

Myhostname.4irc.com

13. Click Login, depends on limits of authority. (ID / password is same as DVR)

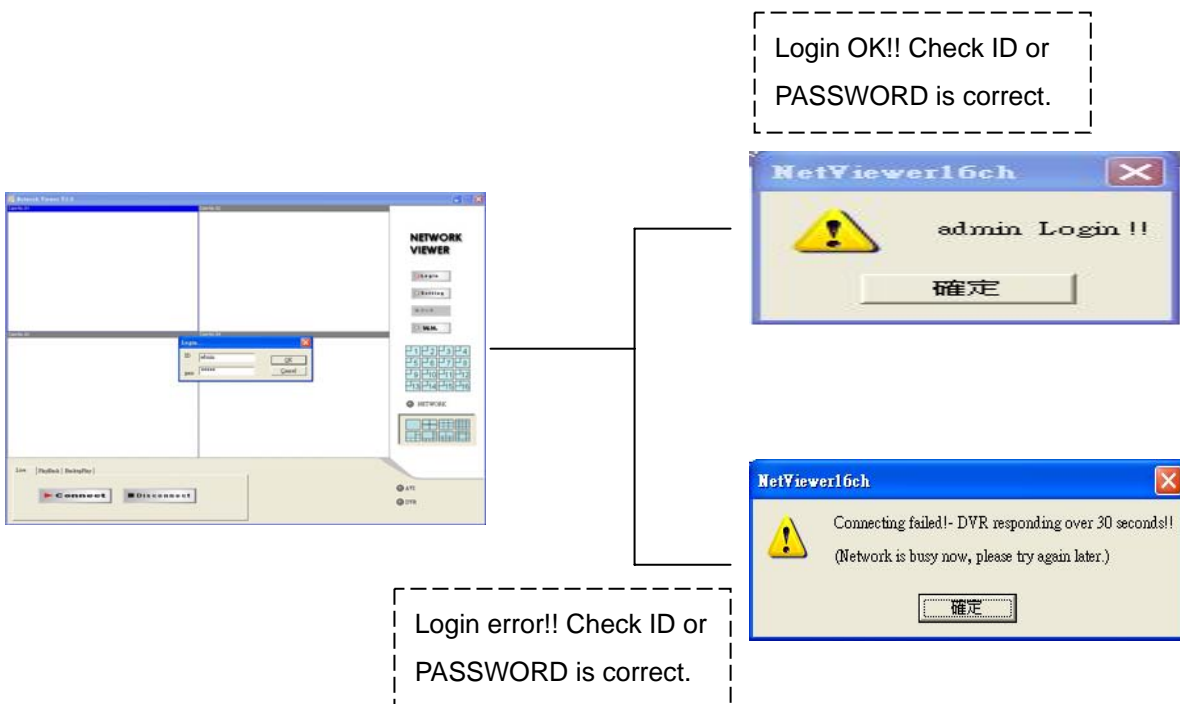


Factory ID is user login. Input admin if you are an administer. Must input on little character.

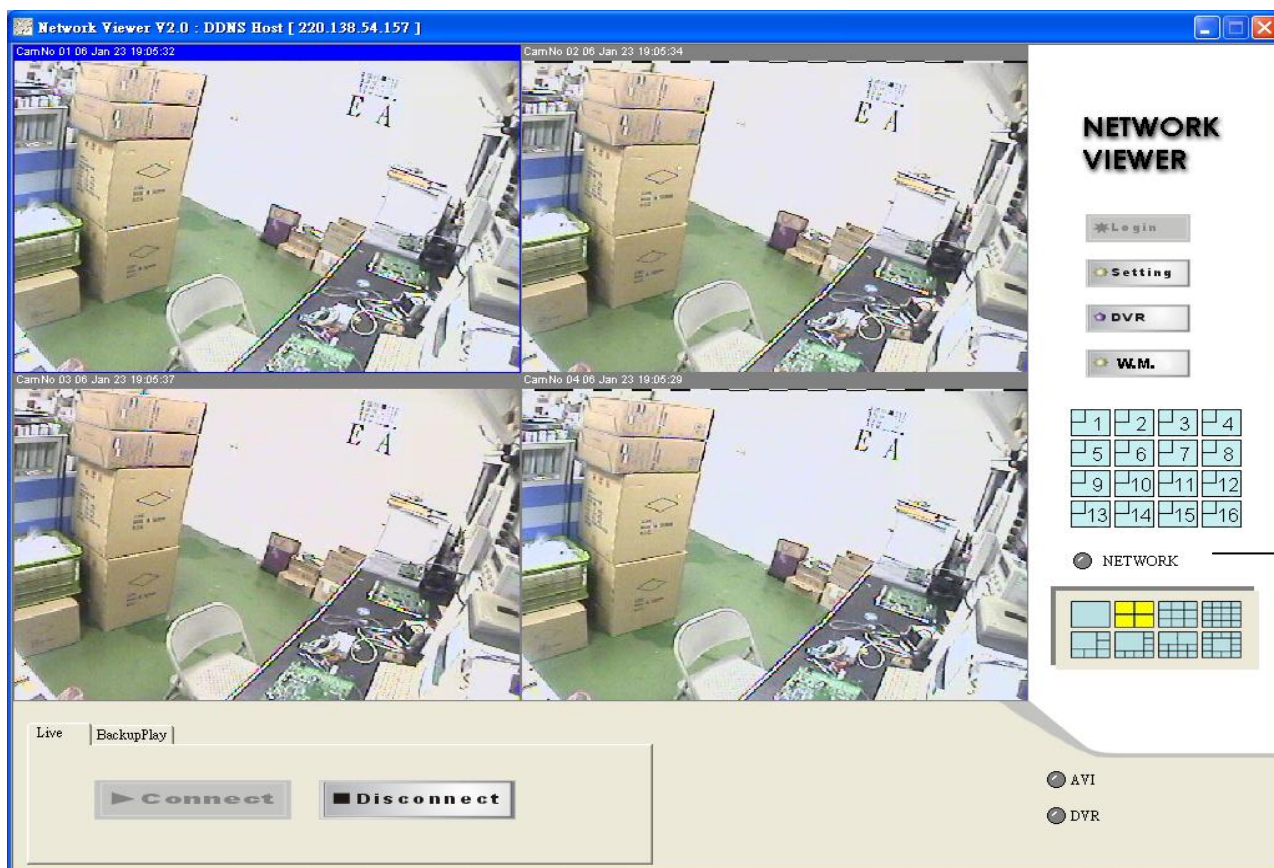
Factory: Password, admin : 44444, user : 11111. Password displays when log in, user just needs to input ID.

User log in, no PlayBack function authority. Total 6 people log in. Admin x 1, user x 5.

Click OK, after about 5 seconds, admin login!! Message popup. And then click Connect to start.



14. Click Connect, after about 2 ~ 3 seconds to start connect LAN or WAN. Click Disconnect to stop.  
If the NETWORK is connecting success, the blue light would keep glisten

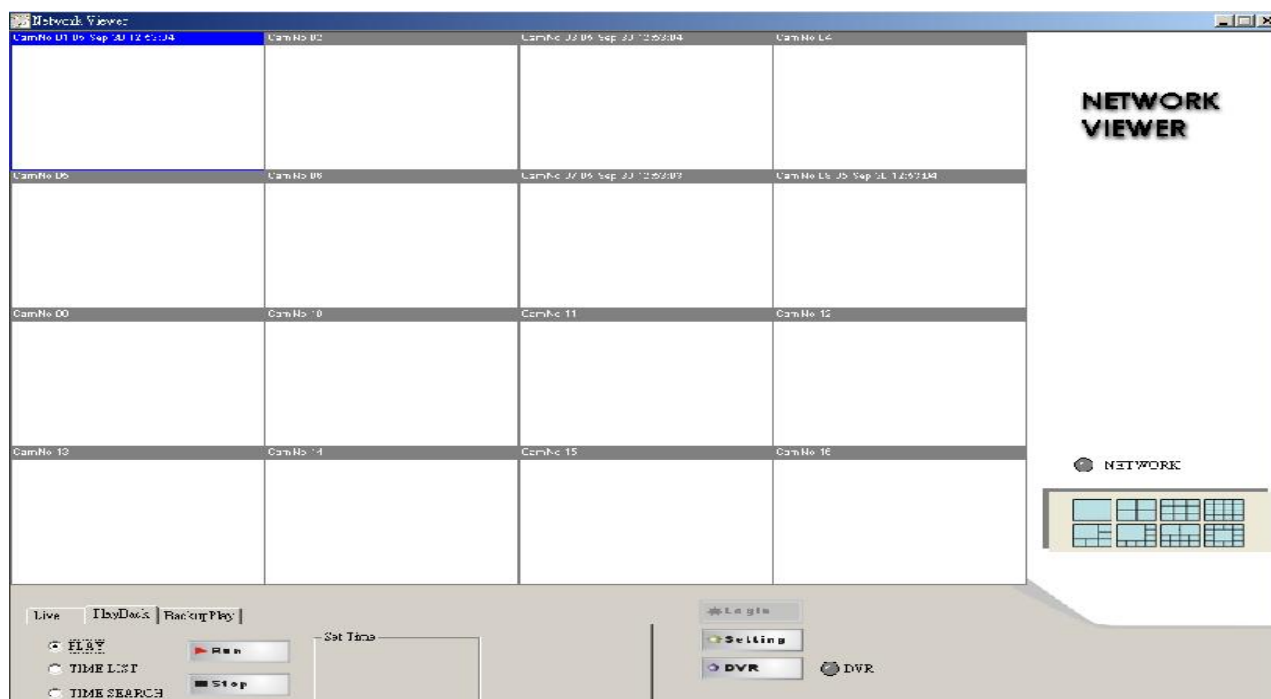


Click live / PlayBack / BackPlay mode.

Live: DVR live watching.

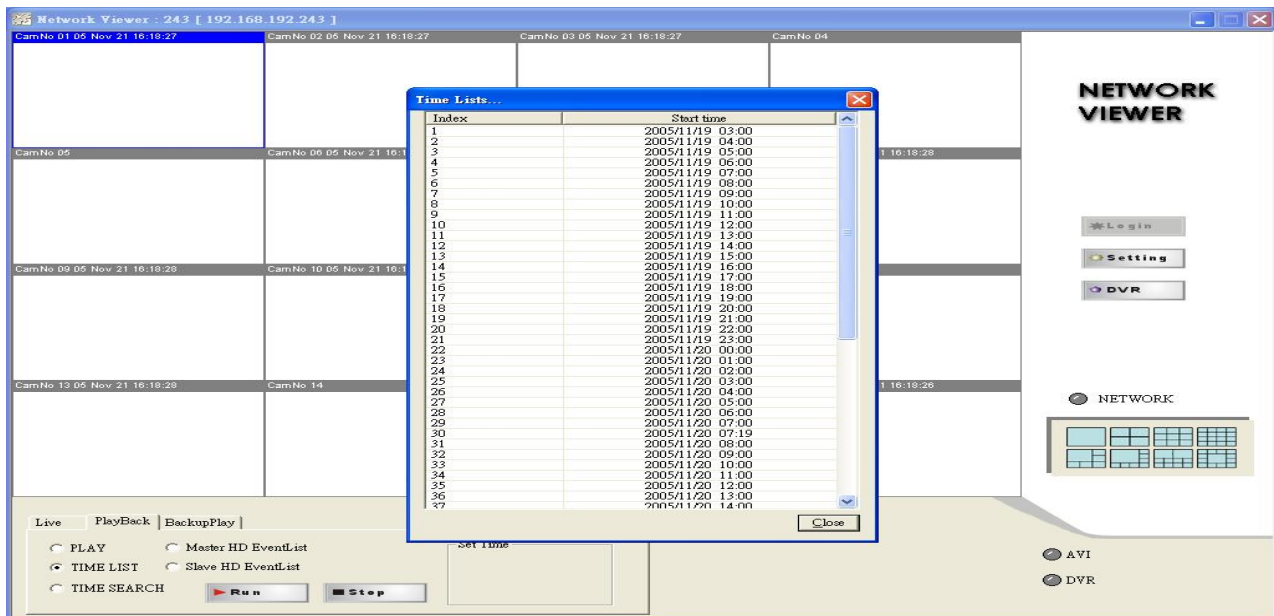
PlayBack: Change to playback mode. After 2 ~3 seconds to change.

NETWORK

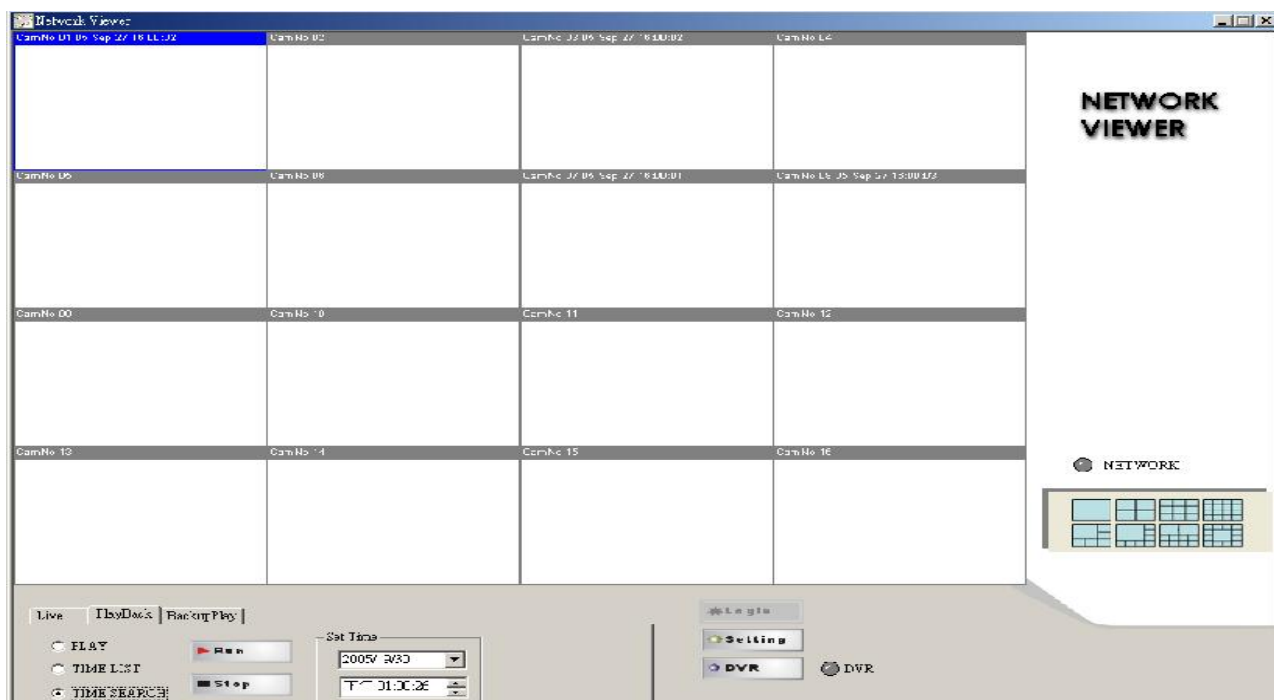


PLAY: Click RUN around 2 ~ 30 seconds to start play first record. If over 30 seconds, cannot find any file or network disconnect, Time out message popup. Please try again play or connect again. Click STOP to end playback.

TIME LIST: Click RUN, time lists popup. On the item, double click date and time to start play, around 2 ~ 30 to start play first record. If over 30 seconds, cannot find any file or network disconnect, Time out message popup. Please try again play or connect again. Click STOP to end playback.

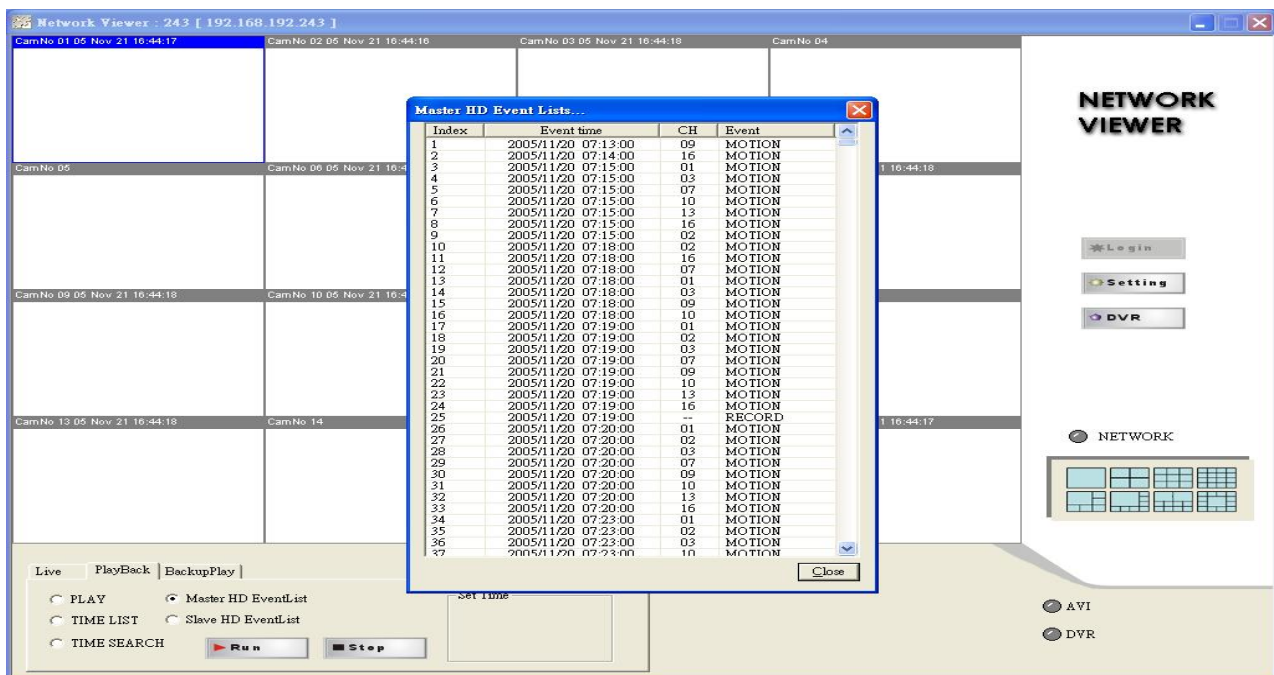


TIME SEARCH: Chose date and time, click RUN, around 2 ~ 30 seconds to start play first record. If over 30 seconds, cannot find any file or network disconnect, Time out message popup. Please try again play or connect again. Click STOP to end playback.

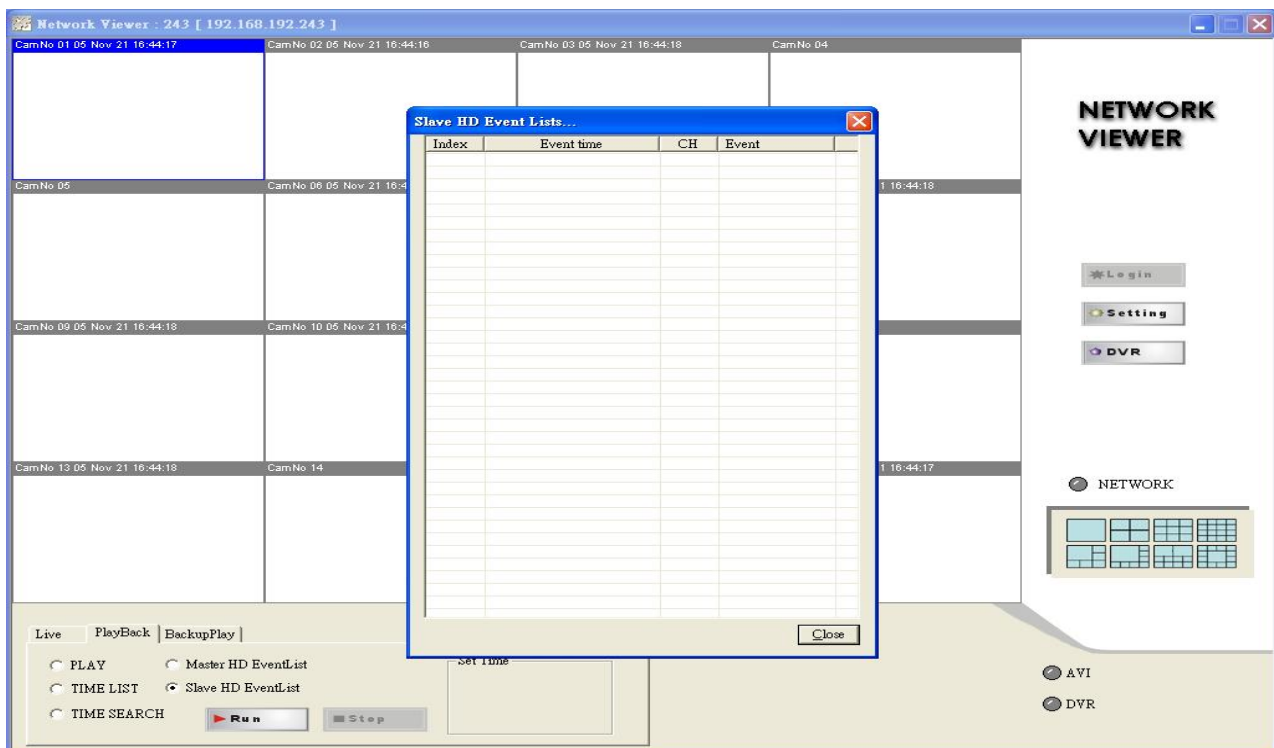


Notice: PLAY / TIME LIST / TIME SEARCH change, needs to stop play first.

## -Master HDD Event Lists:



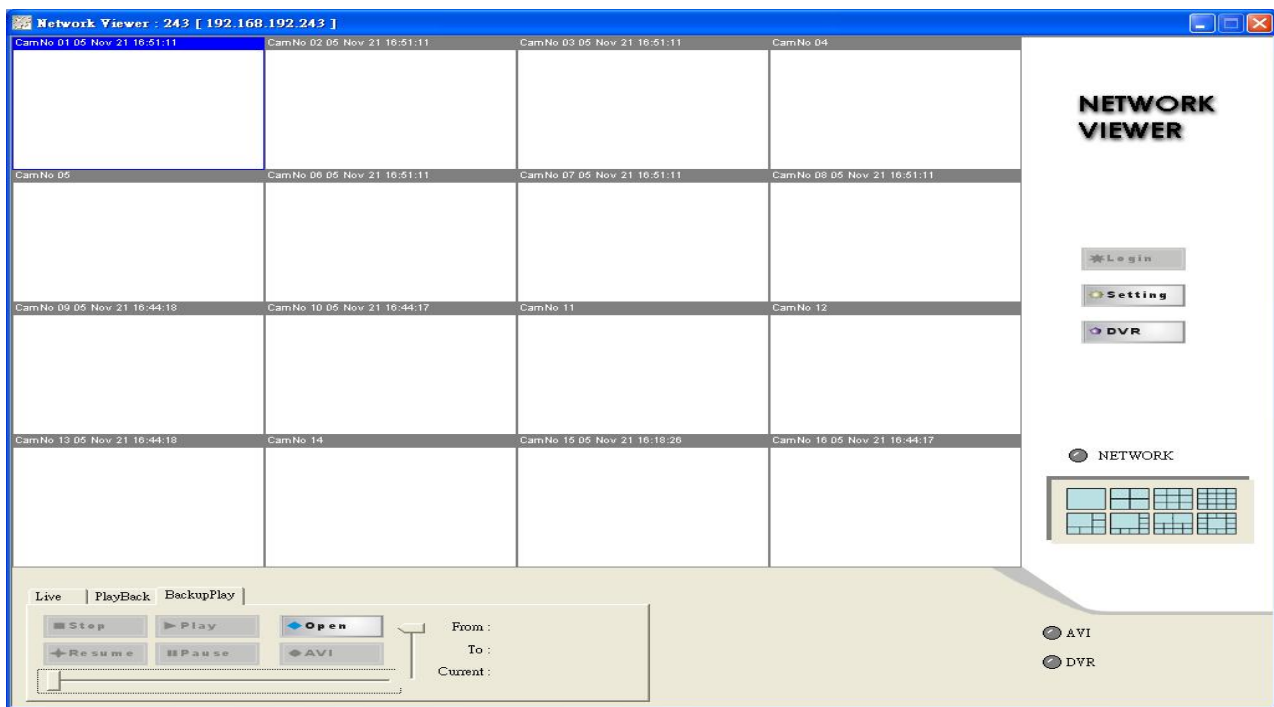
## -Slave HDD Event Lists:



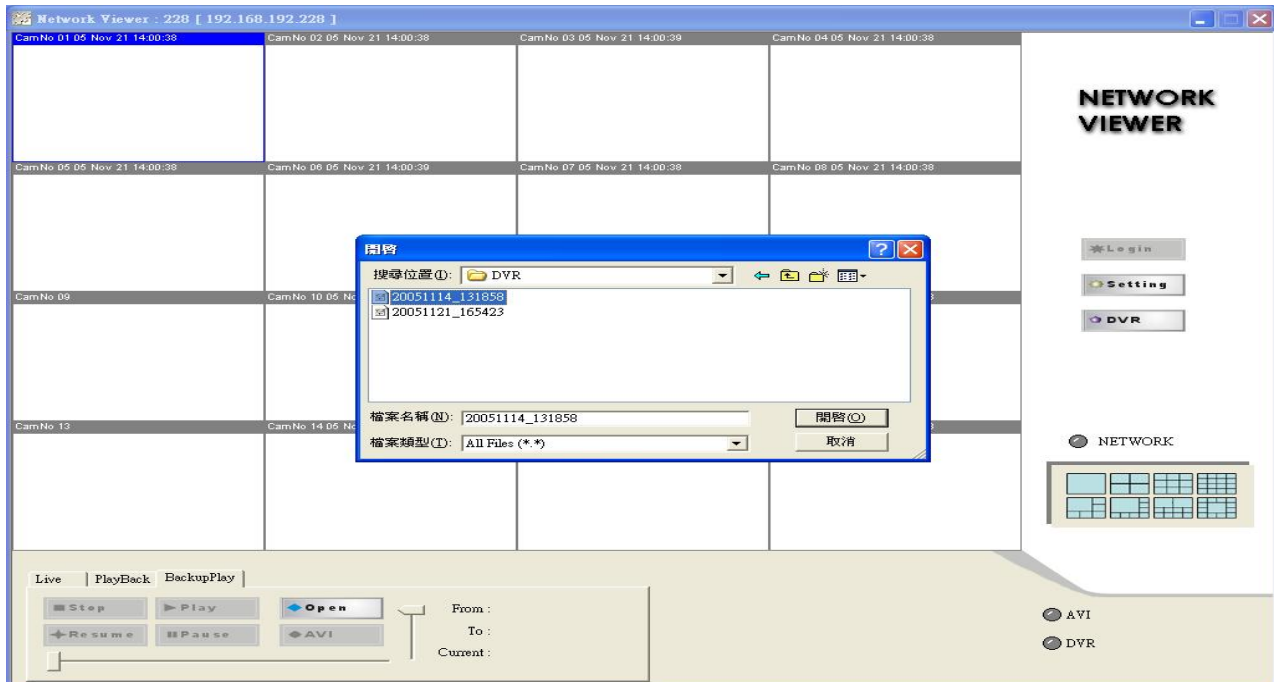
Click RUN, time lists popup. On the item, double click date and time to start play, around 2 ~ 30 to start play first record. If over 30 seconds, cannot find any file or network disconnect, Time out message popup. Please try again play or connect again. Click STOP to end playback.



## 15. BackupPlay:



- Click Open to choose file path.

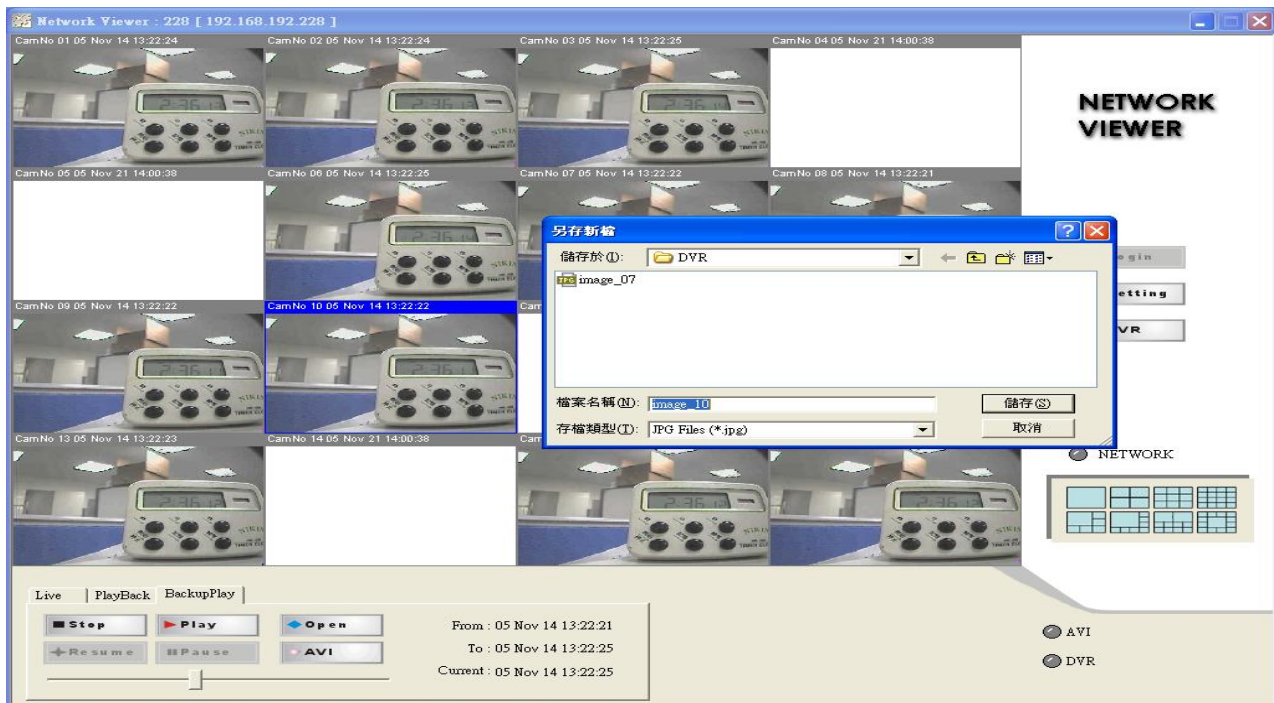




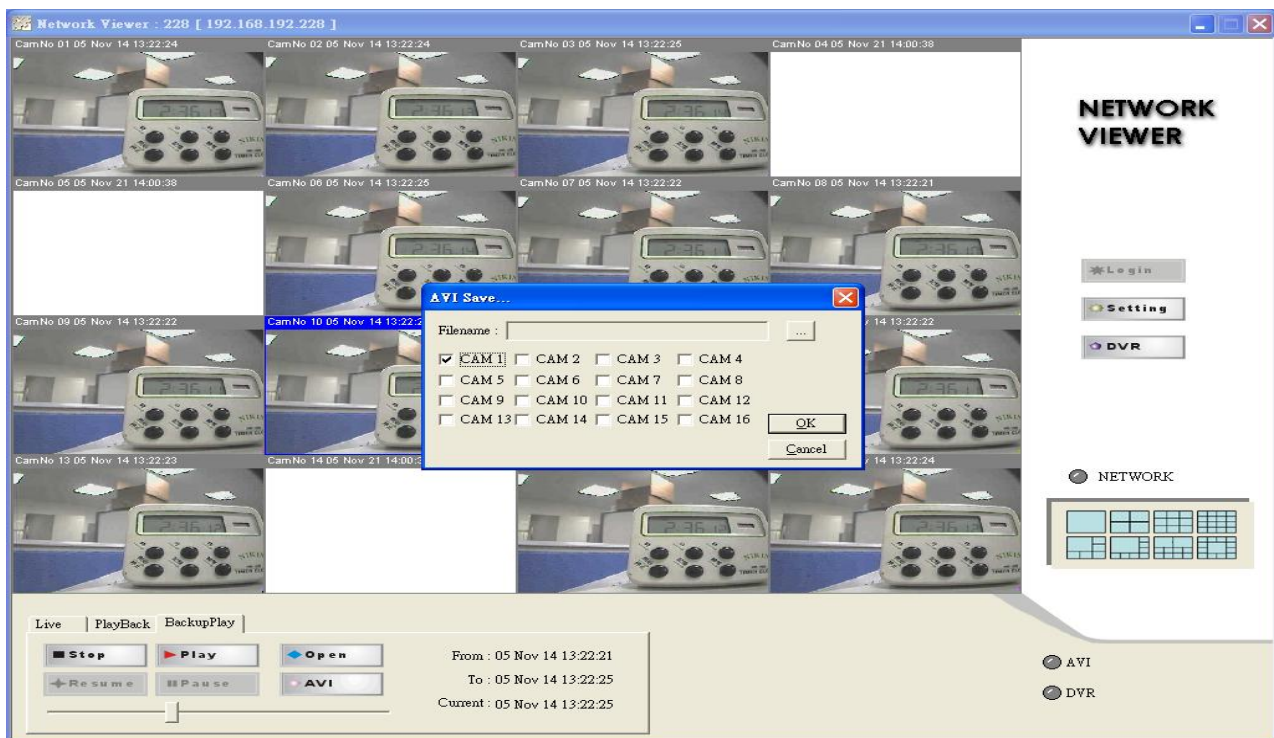
Click Play to start backup data play. Click Stop to end. Click Pause to temporary stop playback. Click Resume to restart.



Choose camera, click mouse right button. Camera 1 ~ 4 switches or reset all. Click Save "CamNo xx image . / save image all to save current image. Save path is C:\DVR.

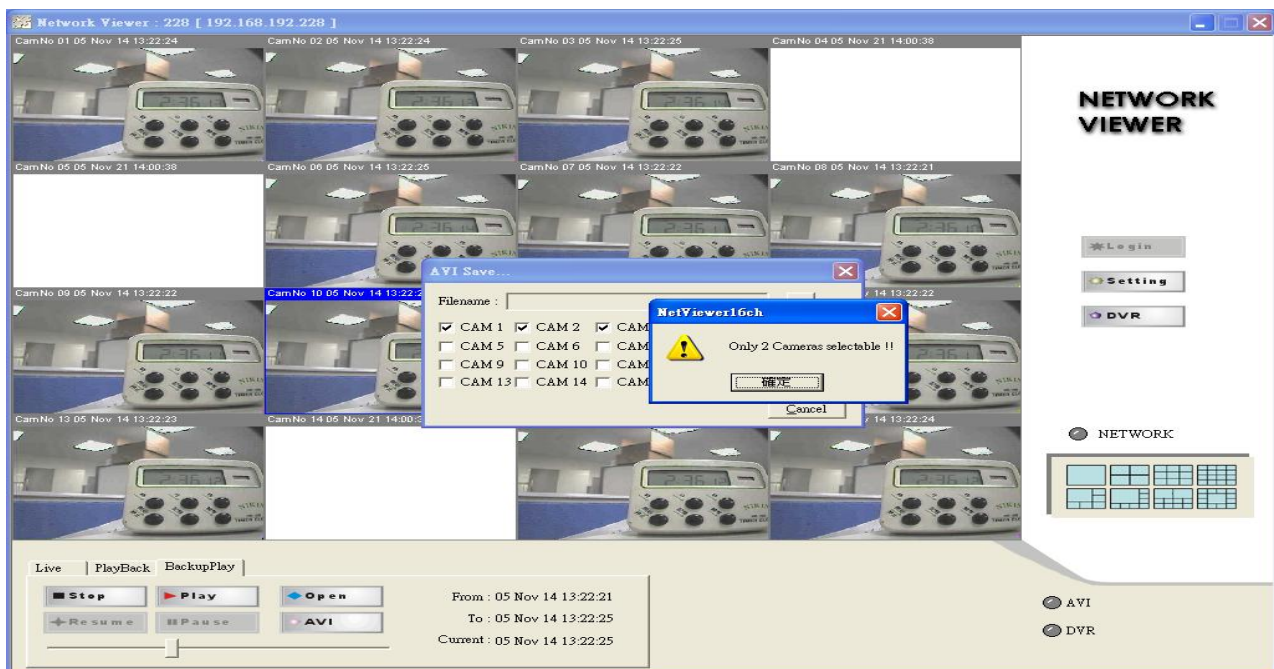


#### 4. AVI transfer: Click BackupPlay



**AVI** : On live or playback mode, save files to .DVR file. And then OPEN file, press play to start playback. Press AVI button to start record AVI file. Press again to stop.

Only 2 cameras selectable. A warning message appears if user selects over 3 cameras,



## IE Networking Software

1. This web is for preliminary IE browser.
2. User can download the network viewer from this web page or view the DVR video image in the future.
3. The AP software is already saved to DVR system IC. User needs to do is:
  - a.) Go to Advanced Setup→ Network Setup→Sets LAN or WAN IP address of DVR.
  - b.) Open IE browser, and then into your IP on the IE address bar.
  - c.) If LAN or WAN connects ok, the 16 Channel Digital Video Recorder web page displays like under:

